

> DT01ACAxxx

3.5-INCH SATA HDD

> KEY ADVANTAGES

- Up to 1TB Storage Capacity
- 7,200 Rotational Speed
- Excellent Power Efficiency
- Advanced Format
- Eco-friendly halogen-free design

> APPLICATIONS

- Consumer Desktop Computers

> SPECIFICATIONS



HDD

	DT01ACA025	DT01ACA032	DT01ACA050	DT01ACA064	DT01ACA075	DT01ACA100
Series Overview:						
Storage Capacity, Formatted	250 GB	320 GB	500 GB	640 GB	750 GB	1000 GB
Number of Platters	1	1	1	1	1	1
Number of Heads	1	1	1 or 2	2	2	2
Bytes/Sector	4k					
Totational Speed	7,200 rpm					
Average Seek Time:						
Single Track Seek Time (read)	0.6 ms					
Single Track Seek Time (w rite)	0.8 ms					
Interface:						
Type	Serial ATA					
Data Transfer Rate:	6 Gb/s					
Buffer	32 MB					
Power Requirements:						
Allow able Voltage	+5 V (±5%) +12 V (±10%)					
Read / Write (Random)	6.4 W					
Idle	3.7 W					
Stand-by	1.0 W					
Sleep	1.0 W					
Physical & Environmental Specifications Dimensions - mn:						
Width x Depth x Height	101.6 x 147 x 26.1 mm					
Weight max	450 g					
Enviromental:						
Temp: Operating / Non-operating	0 to 60 °C / -40 to 70 °C					
Shock Operating / Non-operating	70 G / 350 G, with 2 ms half sine wave					
Vibration: Operating	0.67 G w ith 5 to 500 Hz					
Acoustic Noise (seek)	26 dB					
ROHS Compilant	Yes					